

HVAC

Program: HVAC

HVAC CERTIFICATE – Guided Pathway/Map

1st Semester

Item #	Title	Credits
ACR 111	Principles of Refrigeration	3
ACR 112	HVACR Service Procedures	3
ACR 121	Principles of Electricity for HVACR	3
ACR 123	HVACR Electrical Components	3
MTH 116	Mathematical Applications	3
ORI 110	Freshman Seminar	1
	Sub-Total Credits	16

2nd Semester

Item #	Title	Credits
ACR 113	Refrigeration Piping Practices	3
ACR 127	HVACR Electric Motors	3
ACR 132	Residential Air Conditioning	3
ACR 210	Troubleshooting HVACR Systems	3
ENG 101	English Composition I	3
	Sub-Total Credits	15

3rd Semester

Item #	Title	Credits
ACR 119	Fundamentals of Gas Heating Systems	3
ACR 120	Fundamentals of Electric Heating Systems	3
ACR 126	Commercial Heating Systems	3
ACR 135	Mechanical/Gas/Safety Codes	3
	Sub-Total Credits	12

4th Semester

Item #	Title	Credits
ACR 149	Heat Pump Systems II	3
ACR 209	Commercial Air Conditioning Systems	3
ACR 128	Heat Load Calculations	3
ACR 205	System Sizing and Air Distribution	3
	Sub-Total Credits	12
	Total credits:	55